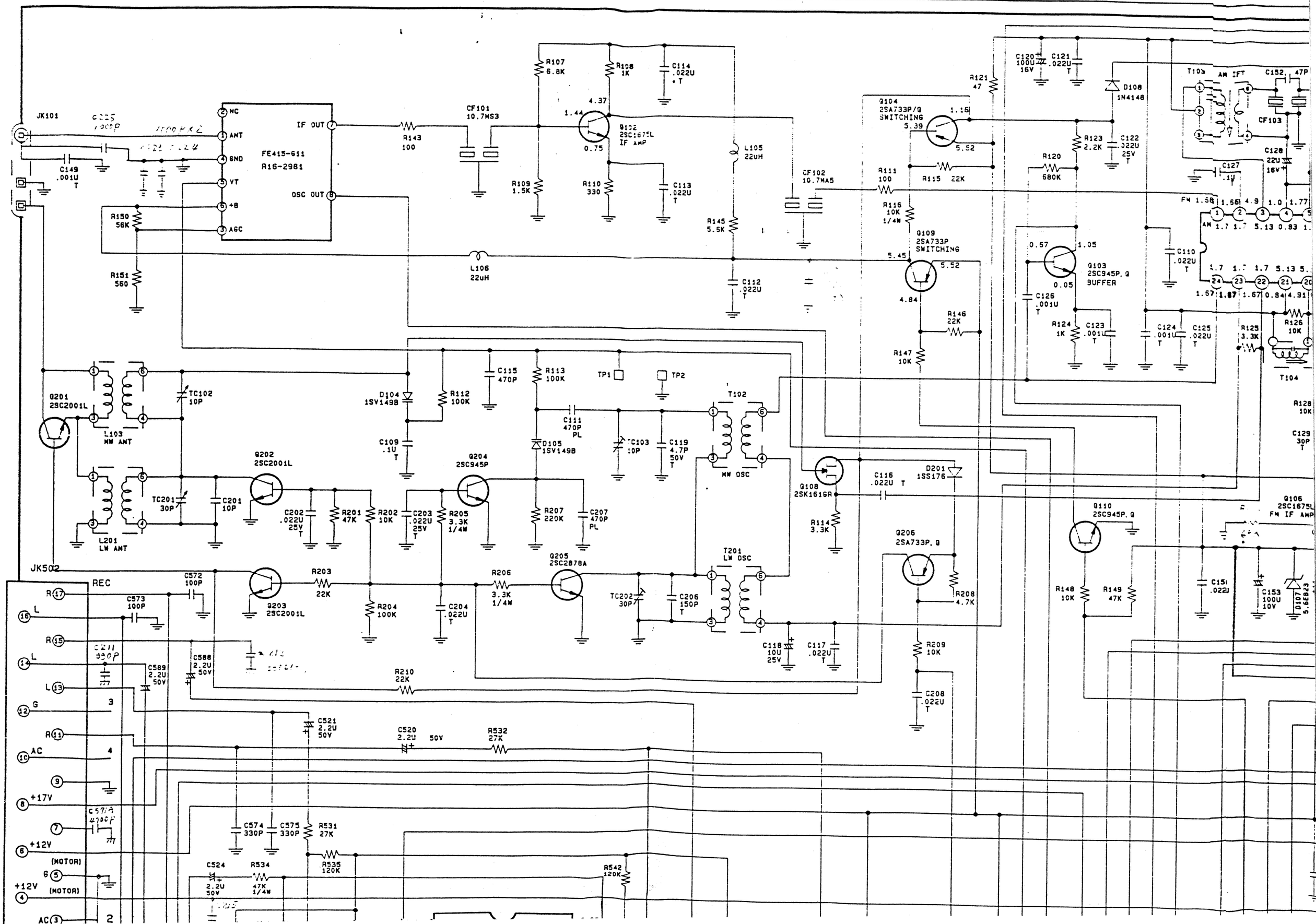
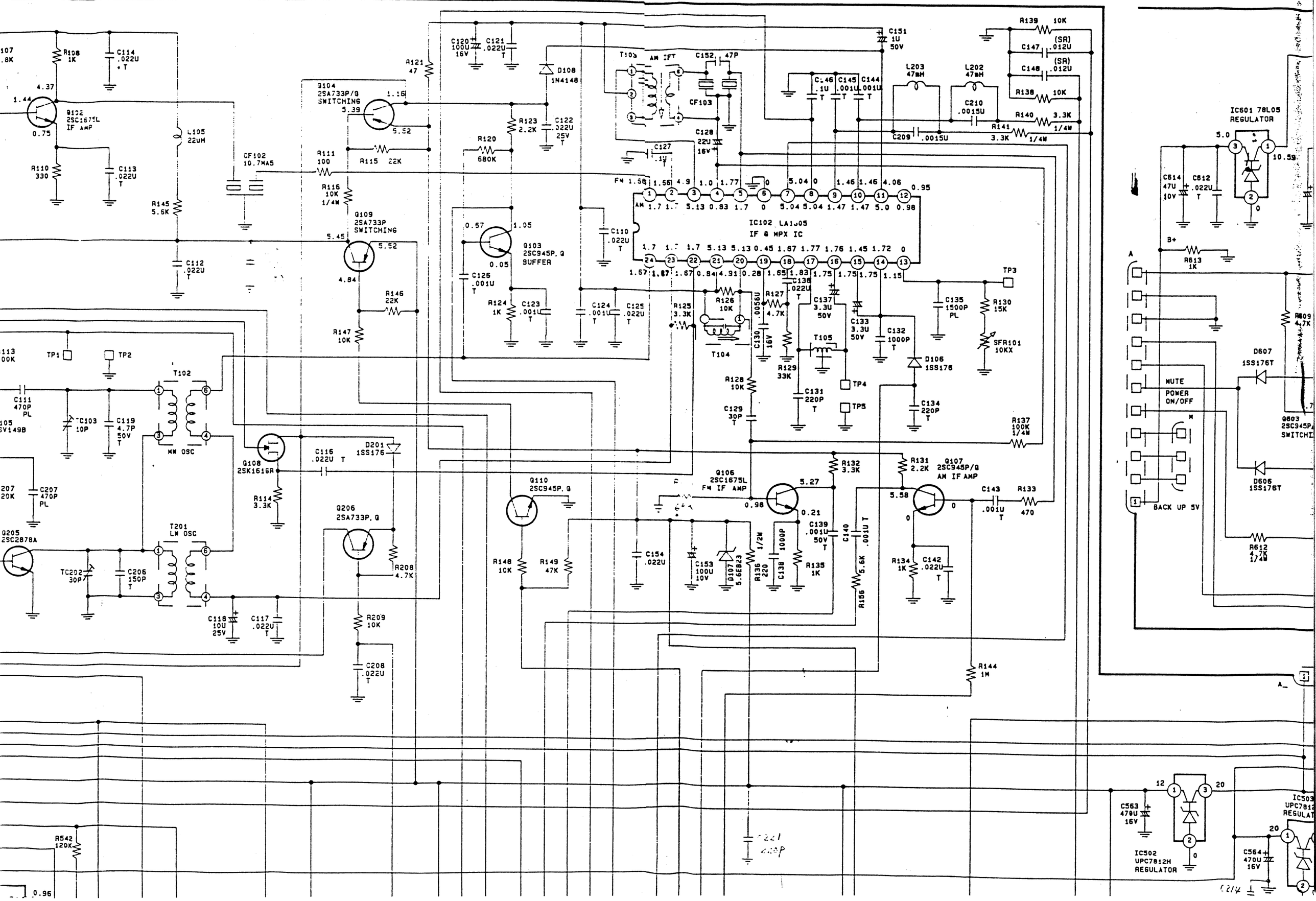
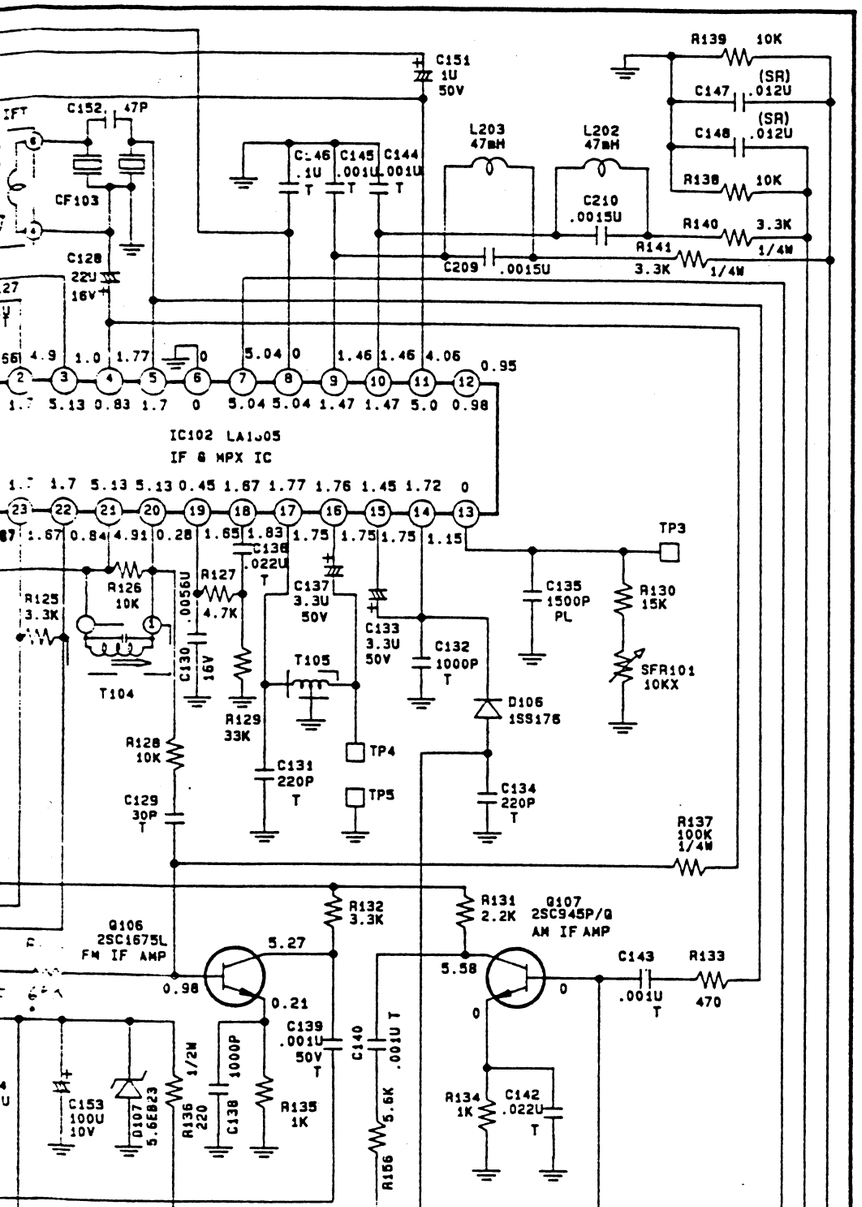

JK101
C225
1000P
C149
.001U
T
NC
ANT
GND
VT
+B
AGC
IF OUT
OSC OUT
FE415-611
R16-2981
R150
56K
R151
560
R143
100
CF101
10.7MS3
R107
6.8K
R108
1K
C114
.022U
+T
4.37
1.44
Q102
2SC1675L
IF AMP
0.75
R109
1.5K
R110
330
C113
.022U
T
L105
22uH
CF102
10.7MA5
L106
22uH
R145
5.5K
C112
.022U
T
Q104
2SA733P/Q
SWITCHING
5.39
1.16
5.52
R121
47
C120
100U
16V
C121
.022U
T
D108
1N4148
R111
100
R115 22K
R116
10K
1/4W
Q109
2SA733P
SWITCHING
5.45
5.52
4.84
R146
22K
R147
10K
R123
2.2K
C122
.022U
25V
T
R120
680K
C127
.1U
T
T103
AM IFT
C152, 47P
CF103
C128
22U
16V
FM 1.58
1.56 4.9
1.0 1.77
AM 1.7 1.7
5.13 0.83
0.67
1.05
Q103
2SC945P, Q
BUFFER
0.05
C110
.022U
T
C126
.001U
T
R124
1K
C123
.001U
T
C124
.001U
T
C125
.022U
T
1.7 1.7 1.7 5.13
1.67 1.67 1.67 0.84 4.91
R125
3.3K
R126
10K
T104
R128
10K
C129
30P
T
Q201
2SC2001L
L103
MW ANT
TC102
10P
L201
LW ANT
TC201
30P
C201
10P
D104
1SV149B
R112
100K
C115
470P
R113
100K
C111
470P
PL
D105
1SV149B
TP1
TP2
TC103
10P
C119
4.7P
50V
T
T102
MW OSC
Q202
2SC2001L
C202
.022U
25V
T
R201
47K
R202
10K
C203
.022U
25V
T
Q204
2SC945P
R205
3.3K
1/4W
R207
220K
C207
470P
PL
Q108
2SK1616A
C116
.022U T
D201
1SS176
R114
3.3K
Q110
2SC945P, Q
Q106
2SC1675L
FM IF AMP
JK502
REC
R17
L16
R15
L14
L13
G12
R11
AC10
9
8 +17V
7
6 +12V
(MOTOR)
G5
+12V (MOTOR)
4
AC3
2
C573
100P
C572
100P
C211
330P
C589
2.2U
50V
C588
2.2U
50V
Q203
2SC2001L
R203
22K
R204
100K
C204
.022U
T
Q205
2SC2878A
R206
3.3K
1/4W
TC202
30P
C206
150P
T
T201
LW OSC
C118
10U
25V
C117
.022U
T
Q206
2SA733P, Q
R208
4.7K
R209
10K
C208
.022U
T
R210
22K
C521
2.2U
50V
C520
2.2U
50V
R532
27K
C574
330P
C575
330P
R531
27K
R535
120K
C524
2.2U
50V
R534
47K
1/4W
R542
120K
R148
10K
R149
47K
C151
.022U
C153
100U
10V
D107
5.6EB23


R108 1K
C114 .022U T
4.37
1.44
Q102 2SC1675L IF AMP
0.75
L105 22UH
R110 330
C113 .022U T
R145 5.6K
C112 .022U T
CF102 10.7MA5
R111 100
R115 22K
R116 10K 1/4W
5.45
Q109 2SA733P SWITCHING
5.52
R146 22K
R147 10K
TP1
TP2
T102
C111 470P PL
C103 10P
C119 4.7P 50V T
MW OSC
Q108 2SK1616R
C116 .022U T
D201 1SS176
R114 3.3K
C207 470P PL
Q205 2SC2878A
T201 LW OSC
TC202 30P
C206 150P T
C118 10U 25V
C117 .022U T
R208 4.7K
R209 10K
C208 .022U T
R542 120K
0.96
R121 47
C120 100U 16V
C121 .022U T
D108 1N4148
Q104 2SA733P/Q SWITCHING
1.16
5.39
5.52
R123 2.2K
C122 .022U 25V T
R120 680K
0.57
1.05
Q103 2SC945P, Q BUFFER
0.05
C126 .001U T
R124 1K
C123 .001U T
C110 .022U T
C124 .001U T
C125 .022U T
T103 AM IFT
C152 47P
CF103
C128 22U 16V
C127 .1U
C151 1U 50V
C146 .1U T
C145 .001U T
C144 .001U T
L203 47mH
L202 47mH
C210 .0015U
C209 .0015U
R139 10K
C147 (SR) .012U
C148 (SR) .012U
R138 10K
R140 3.3K 1/4W
R141 3.3K 1/4W
FM 1.56 1.56 4.9 1.0 1.77 0 5.04 0 1.46 1.46 4.05 0.95
AM 1.7 1.7 5.13 0.83 1.7 0 5.04 5.04 1.47 1.47 5.0 0.98
IC102 LA1305
IF & MPX IC
1.7 1.7 1.7 5.13 5.13 0.45 1.87 1.77 1.76 1.45 1.72 0
1.67 1.67 1.67 0.84 4.91 0.28 1.65 1.83 1.75 1.75 1.75 1.15
R125 3.3K
R126 10K
T104
C130 .0056U 16V
R127 4.7K
C136 .022U T
C137 3.3U 50V
C133 3.3U 50V
C132 1000P T
C135 1500P PL
TP3
R130 15K
SFR101 10KX
T105
R129 33K
TP4
TP5
C131 220P T
C134 220P T
D106 1SS176
R128 10K
C129 30P T
R137 100K 1/4W
R144 1M
Q106 2SC1675L FM IF AMP
5.27
0.98
0.21
R132 3.3K
R131 2.2K
Q107 2SC945P/Q AM IF AMP
5.58
0
C143 .001U T
R133 470
C139 .001U 50V T
C140 .001U T
R156 5.6K
R134 1K
C142 .022U T
C154 .022U
C153 100U 10V
D107 5.6EB23
R136 220 1/2W
C138 1000P
R135 1K
R148 10K
R149 47K
Q110 2SC945P, Q
IC501 78L05 REGULATOR
5.0
10.59
C614 47U 10V
C612 .022U T
B+
R613 1K
A
MUTE
POWER ON/OFF
M
BACK UP 5V
D607 1SS176T
D606 1SS176T
R609 4.7K
R612 4.7K 1/4W
Q603 2SC945P SWITCHI
12
20
C563 470U 16V
IC502 UPC7812H REGULATOR
C564 470U 16V
IC503 UPC781 REGULAT


C151 1U 50V
R139 10K
C147 (SR) .012U
C148 (SR) .012U
R138 10K
R140 3.3K 1/4W
R141 3.3K 1/4W
L203 47mH
L202 47mH
C146 .1U T
C145 .001U T
C144 .001U T
C210 .0015U
C209 .0015U
CF103
C128 22U 16V
IC102 LA1305
IF & MPX IC
TP3
C135 1500P PL
R130 15K
SFR101 10KX
R125 3.3K
R126 10K
R127 4.7K
C136 .022U T
C137 3.3U 50V
C133 3.3U 50V
C132 1000P T
C130 .0056U 16V
T104
T105
D106 1SS176
R128 10K
R129 33K
C131 220P T
C134 220P T
TP4
TP5
C129 30P T
R137 100K 1/4W
R144 1M
Q106 2SC1675L FM IF AMP
R132 3.3K
R131 2.2K
Q107 2SC945P/Q AM IF AMP
C143 .001U T
R133 470
R134 1K
C142 .022U T
C139 .001U 50V T
C140 .001U T
R135 1K
R136 220
C138 1000P
D107 5.6EB23
C153 100U 10V
R156 5.6K 1/2W
Q601 2SC945P/Q SWITCHING
IC601 78L05 REGULATOR
R605 10K
C605 4.7U 50V
R604 4.7K
R603 4.7K
D608 1N4148
R607 220 1/2W
Q602 2SC2001L REGULATOR
C610 .022U T
C608 .022U T
R606 470 1/4W
R614 1 1/4W
C617 100U 16V
D602 RD13EB23
C609 .022U T
C607 100U 16V
C606 3300U 25V
C613 47U 16V
C611 .022U T
C614 47U 10V
C612 .022U T
R613 1K
D601 B20SL RECTIFIER
C603 .022U T
C601 .022U T
C604 .022U T
C602 .022U T
F602 T2.5A 250V
AC CORD
CN1
PT1
R601 1 1/2W
R602 1 1/2W
F603 T1A/250V (EV)
R609 4.7K
D607 1SS176T
R608 1K
D603 1N4148
Q603 2SC945P/Q SWITCHING
C615 220U 16V
D604 1N4148
RY601
MUTE
POWER ON/OFF
BACK UP 5V
D606 1SS176T
C616 330U 16V
R610 3.3K
D605 1SS176T
R612 4.7K 1/4W
R611 100K
Q604 2SC945P/Q SWITCHING
F601 T3.15A 250V
POW
POW 12V
CD
REM
LW
IC503 UPC7812M REGULATOR
IC502 UPC7812M REGULATOR
C563 470U 16V
C564 470U 16V
C592 .022U
C587 1U 100V
D502 2KBP02 RECTIFIER
C565 .01U 500V
C566 .01U 500V
C568
C567
R
G
L
SURROUND
B BOOST
CLK
DO

AC 3
CD 2
REMOTE 1
2
330P (T)
R538 12K
R539 12K
R541 120K
C222 220P
C523 2.2U 50V
R533 47K
R537 12K
C525 2.2U 50V
R556 47K
JK503
R549 56K
R547 680K
C570 1000P T
C571 2200P T
C569 1000P T
C591 2.2U 50V
R559 100K
R553 47K ¼W
R561 33K
CLASSICA
0.94
2.1
1.16
0.97
1.16
2.0
1.16
2.02
10.43
0.1
VEE
LC7821
AUX
TAPE
TUNER
ROCK
JAEE
POP
LEVEL SHIFTER
LATCH
SHIFTER REGISTER
CONTROL
IC504 FUNC IC
0.96
2.1
1.16
0.96
1.16
1.16
2.25
1.16
10.42
0
2.25
10.44
10.34
0
0
R540 12K
R546 10K 1/4W
C562 .1U 50V
R536 120K
R550 56K
R543 1K
R548 680K
C545 1000P
R545 10K
C561 47U 16V
C590 2.2U 50V
R562 33K
R593 100 1/2W
C528 2.2U 50V
C527 2.2U 50V
C526 2.2U 50V
R560 100K
C596 2.2U 50V
R554 47K ¼W
R590 270K
C560 20P
R592 3.3K
R155 1K
R589 270K
C559 220P
R591 3.3K
C557 0.0022 (T)
IC505 (2/2)
IC505 NJM4558L
R556 47K
C532 15
R558 270K
C530 470P
IC506 (1/2)
C534 10U 50V
C536 .0033U
R564 47K
R566 2.2K
C538 .047U T
C558
IC506 (2/2)
0.0022 (T)
IC506 NJM4558L
C528 470P
IC506 (1/2)
C533 10U 50V
C535 .0033U
R563 47K
R565 2.2K
C537 .047U T
R557 270K
C531 15P
C539 .0022U T
R569 3.3K
C541 .1U
R567 47K
C545 .022U T
R573 10K
C543 .022U
R571 18K
R575 10K
R577 4.7K
C547 .01U SR
C549 .1U
C551 560P
R581 39K
R579 4.7K
C553 .1U
R583 1K
R585 1K
R587 10K
C555 100U 16V
R588 10K
R584 1K
C540 .0022U T
R570 3.3K
C542 .1U
R568 47K
C546 .022U T
R574 10K
C544 .022U
R572 18K
R576 10K
R578 4.7K
C548 .01U SR
C552 560P
R582 39K
C550 .1U
R580 4.7K
C554 .1U
R586 1K
C556 100U 16V
C155 .001U
FM VCO
AM IF
FM IF
P8
AMVCO
P7
P14

REGULATOR

C214 0.0022

C568 .01U 500V

C567 .01U 50

R536 120K

R543 1K

C220 1000P

R548 680K

R545 10K

C561 47U 16V

C590 2.2U 50V

R562 33K

R593 100 1/2W

C528 2.2U 50V

R154 1K

C156 .022U T

C158 100U 16V

R527 10K

C522 220U 10V

R524 1K

C594 2.2U 50V

Q503 DTC143TS

C576 330P

C501 3300U 63V

C596 2.2U 50V

R560 100K

R554 47K 1/2W

R590 270K

C560 20P

R592 3.3K

R155 1K

R152 10K

R153 10K

C160 .47U 50V

C157 .022U

Q121 2SC945P

Q122 2SC945P

C159 56P

IC506 (2/2)

C558 0.0022 (T)

IC506 NJM4558L

R566 2.2K

C538 .047U T

R570 3.3K

C542 .1U

C546 .022U T

R574 10K

C548 .01U

R576 10K

R578 4.7K

C550 .1U

R580 4.7K

C554 .1U

R586 1K

C556 100U 16V

C155 .001U

R528 1K

D501 1N4148

R525 1K

Q502 2SC2878A MUTE

R522 1K

R520 100K

C519 47U 16V

R544 10K

R521 100K

Q501 2SC2878A MUTE

R523 1K

C518 2.2U 50V

R518 22K

R516 22K

C516 100P T

C514 2.2U 50V

R514 100K

C517 2.2U 50V

R517 22K

C515 100P T

R519 22K

C511 47U 25V

R515 100K

C512 100U 63V

C578 .01U PL

R512 270K

R513 100K

C513 2.2U 50V

R526 47

C577 330P

IC501 STK4412 1/2 POWER IC

C510 47U 25V

C502 1000U 50V

R510 12K 1/4W

C508 220U 16V

R508 82

R506 4.7 1/2W

C506 .1U M

C507 220U 16V

R507 82

C505 .1U M

R509 12K 1/4W

IC501 STK4412 POWER IC

C509 47U 25V

C503 1000U 50V

R505 4.7 1/2W

R511 100 1/2W

C504 100U 63V

0.01 (T)

FM VCO

AM IF

FM IF

PB

ANYCO

P7

AM

P14

MUT

UPC7812H REGULATOR
C214 0.0022
C587 1U 100V
C568 .01U 500V
C567 .01U 500V
1000

DO
CE
B+
MOTOR
LED
LED
MOTOR
L
G
R
G
B BOOSTG
G
R
L
E

R527 10K
R595 1K
R596 1K

R154 1K
C156 .022U T
C158 100U 16V
C522 220U 10V
R152 10K
R153 10K
C160 .47U 50V
C157 .022U
Q121 2SC945P
Q122 2SC945P
C159 56P
R524 1K
C594 2.2U 50V
Q503 DTC143TS
C576 330P
C231 470
C581 .022U
C582 .022U
C501 3300U 63V
JK504-1
JK504-2
JK501
C586 4700P
C584 4700P
C585 4700P
C583 4700P
R530 330 1/2W
R529 330 1/2W
R504 330 1/2W
R501 18 2W
R502 18 2W
C580 .022U
R503 330 1/2W
C503 1000U 50V
C504 100U 63V
C.P.I (T)

C518 2.2U 50V
C514 2.2U 50V
C510 47U 25V
C502 1000U 50V
R506 4.7 1/2W
C506 .1U M
C508 220U 16V
R508 82
C507 220U 16V
R507 82
C505 .1U M
R505 4.7 1/2W
R509 12K 1/4W
C509 47U 25V
R510 12K 1/4W
R511 100 1/2W
C504 100U 63V

Q502 2SC2878A MUTE
R522 1K
R520 100K
R518 22K
R516 22K
C516 100P T
R514 100K
C511 47U 25V
R515 100K
R526 47
C519 47U 16V
C512 100U 63V
C578 .01U PL
R544 10K
R521 100K
R519 22K
R517 22K
C515 100P T
R512 270K
R513 100K
C577 330P
Q501 2SC2878A MUTE
R523 1K
R528 1K
D501 1N4148
C517 2.2U 50V
C513 2.2U 50V
R525 1K

IC501 STK4412 1/2 POWER IC
14.28
13.12
27.73
13.92
0
0
0

CN14

R83 10K

R01 1K

IC01
CXA1081M

C01 .01U (T) 16V

R02 12K

C09 56P (T)

1 RF1 — 30 VCC
2 RFO LD — 29 LD ON
3 RF (-) — 28 FOK
4 P/N — 27 EFM
5 LD — 26 ASY
6 PD — 25 DGND
7 PD1 — 24 CB
8 PD2 — 23 CP
9 VC — 22 MIRR
10 F — 21 DEFECT
11 E — 20 TE
12 ED — 19 FE
13 E1 — 18 FE BIAS
14 VR — 17 VEE
15 CC2 — 16 CC1

C06 .01U (T) 50V
C19 100U 10V
C08 .47U 50V
C07 .01U 50V (T)

R28 100K

R05 1K

R29 1M

C32 .47U 50V

C31 .033U (M) 50V

R31 100K

R32 22K

R33 10K

R34 100K

C30 .01U 50V (T)

R30 100K

R35 10K

R06 47K

Q10 2SC945P-T

VR01 20KX

R03 22K

C03 .033U 50V (M)

Q01 2SA952L-T

C04 100U 10V

C10 100U 10V

R07 15K

VR02 10KX

R08 15K

R04 10

L01 10uH

D01 1SS176T

C02 .1U (T)

CN01 CN02 CN03 CN04 CN08

D C B A E F

FOCUS TRACK

MD SFR1 2K

R37 6.8K

R38 1K

LD

C402 1U 50V

R09 6.8K
R10 12K
R11 15K
R12 6.8K
R13 22K
R14 22K
R16 510K
C55 .0047U (M)
C11 .047U 50V (M)
C12 .0047U 50V (M)

C05 .0047U (M) 50V

R15 56K

SPINDLE

S17 STOP SW.

SLED

Q02 2SC2001L
Q03 2SA952L
Q04 2SC2001L
Q05 2SA952L

C13 470P 50V (T)

IC02
CXA1082BQ

1 VC — 48 FE
2 FSO — 47 ATSC
3 FSS — 46 TZC
4 FLS — 45 TE
5 FED — 44 DEST
6 FE — 43 DVEE
7 SACH — 42 MIRR
8 SBAD — 41 FOK
9 SBCK — 40 MDBK
10 SBDT — 39 SPOLD
11 XLAT — 38 SPDL
12 XTSL — 37 DVCC
13 DOUT — 36 FSW
14 MDP — 35 MON
15 SCOR — 34 MDP
16 GFS — 33 LOCK
17 EXCK — 32 6364
18 SQSO — 31 5.1V
19 SQCK — 30 VCOR

C14 .1U (T) 50V
C15 .033U (M) 50V
R17 120K
C16 10U 25V

C26 .001U (T) 50V
R26 3.3K 2KX

IC03
CXD1167Q

80 LRCK — 1 FSW
79 MDCK — 2 MON
78 DATA — 3 MDP
77 DA15 — 4 MDS
76 BCLK — 5 EFM
75 DA13 — 6 ASY
74 DA12 — 7 LOCK
73 VDD — 8 VCOO
72 DA11 — 9 VCOI
71 DA10 — 10 TEST
70 DA9 — 11 PDO
69 DA8 — 12 Vss
68 DA7 — 13 CLK
66 DA6 — 14 XLT
65 DA5 — 15 DATA
DA4 — 16 XRST
DA3 64 — 17 CNIN
DA2 63 — 18 SENS
DA1 62 — 19 MUTE
APTL 61 — 20 CRCF
APTR 60 — 21 EXCK
PSSL 59 — 22 SBSO
SLOB 58 — 23 SUBQ
MD3 57 — 24 SCOR
MD2 56
MD1 55
XTAO 54
XTAI 53
Vss 52
CN4 51
TEST 50
TEST 49
TEST 48
TEST 47
TEST 46
TEST 45
TEST 44
TEST 43
TEST 42
TEST 41

25 SQCK — 26 SQEX — 27 DOTX — 28 GFS — 29 TEST — 30 TEST — 31 TEST — 32 TEST — 33 VDD — 34 TEST — 35 TEST — 36 TEST — 37 TEST — 38 TEST — 39 TEST — 40 TEST

C34 .1U (M)

C35 100U 10V

SYNC2

△ MAY.

△ MAY.

IC08 NJM2930L05

C53 220U 10V

XTLC01 16.9344MHZ

C036 22P 50V T

C037 22P 50V T

L002 10uH

R042 1K

IC005 LC7883M

CH1OUT CH2OUT VREFH VREFL AVDD AGND DVDD XOUT BCLK XIN DATA CLKOUT LRCK DGND TEST TEST ATT TEST SHIFT MODE LATCH SOC1 INITB SOC2 TEST D/M EMPH2 EMPH1

R40 10K

C40 100U 10V

IC06 NJM4558L-D (1/2)

R81R 1K

R82R 2.2K

R83R 2.2K

C83R .0047U M

C81R .001U T

C82R .001U 50V T

C81L .001U T

C82L .001U 50V T

IC07 NJM4558L-D (1/2)

R82L 2.2K

R81L 1K

R83L 2.2K

C83L .0047U M 50V

Q29 2SC945P

R89R 4.7K

C85R .001U 50V T

R88R 100K

R87R 1K

C86R 10U 25V

Q30 2SC945P

R89L 4.7K

C85L .001U 50V T

R88L 100K

R87L 1K

C86L 10U 25V

Q24 2SA733P

R52 15K

R53 47K

R54 10K

D19 5.1V

R51 2.2K

C51 100U 10V

C52 .022U 25V (T)

D08 1N4002L

D09 1N4002L

D10 1N4002L

D11 1N4002L

C46 2200U 16V

C47 2200U 16V

C48 .022U 25V (T)

C49 .022U 25V (T)

L

G

R

AC

G

AC

CD

REMOTE

SYNC1

SYNC2

12V DC

REV. PLAY

CN07

R41 180 1W

C50 100U 10V

D12 5.1V

CN15

CN23

Q14 2SD882

R43 390

C38 100U 10V

D06 5.6V

C44 470U 10V

D07 5.6V

C45 470U 10V

C39 100U 10V

Q15 2SB772

R44 390

Q19 2SC2060

C65 100U 16V

R47 390

C63 100U 16V

D15 10V

C64 100U 16V

D14 10V

C66 100U 16V

Q20 2SA952L, P

R48 390

Q16 2SC945P, Q

R45 4.7K

R46 10K

Q17 2SA733P

R49 4.7K

Q18 2SC945P, Q

R50 4.7K

R89 10K

R88 10K

Q31 2SC945P, Q

R73 22K

R74 22K

CN21

+5V

V. PLAY

LD ON

MUTE

FOK

SENSE

REMOTE

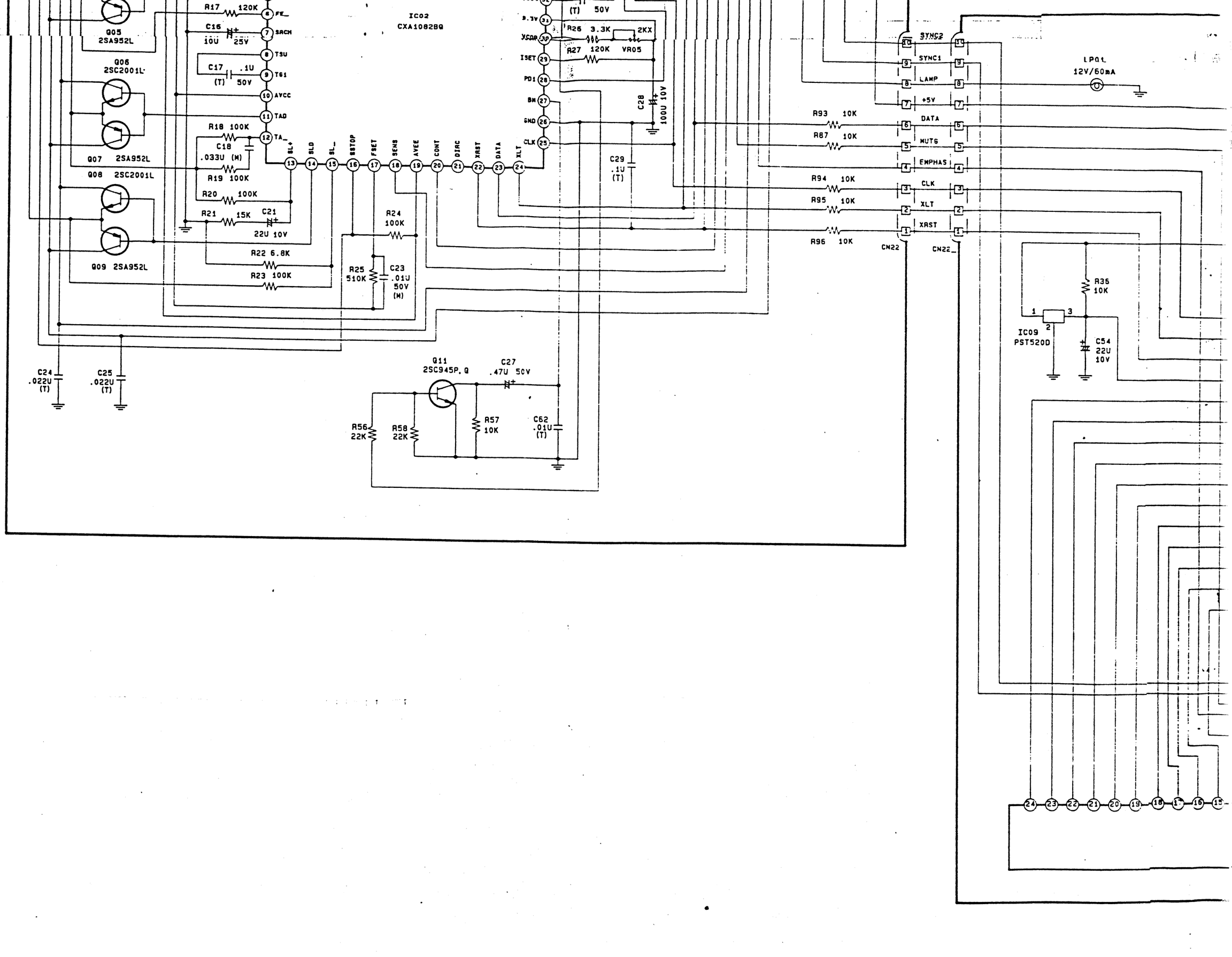
SCOR

G

SUBQ

SOCK

GFS


IC02
CXA1082BQ
Q05
2SA952L
Q06
2SC2001L
Q07 2SA952L
Q08 2SC2001L
Q09 2SA952L
R17 120K
C16 10U 25V
C17 .1U (T) 50V
R18 100K
C18 .033U (M)
R19 100K
R20 100K
R21 15K
C21 22U 10V
R22 6.8K
R23 100K
R24 100K
R25 510K
C23 .01U 50V (M)
C24 .022U (T)
C25 .022U (T)
Q11 2SC945P, Q
C27 .47U 50V
R56 22K
R58 22K
R57 10K
C62 .01U (T)
C26 .1U (T) 50V
R26 3.3K
2KX
R27 120K
VR05
C28 100U 10V
C29 .1U (T)
FE
SACH
TSU
TG1
AVCC
TAD
TA_
SL+
SLD
SL_
SBSTOP
FSET
SENS
AVEE
CONT
DIRC
XRST
DATA
XLT
SYNC2
SYNC1
LAMP
+5V
DATA
MUTG
EMPHAS
CLK
XLT
XRST
LPQ1
12V/60mA
R93 10K
R87 10K
R94 10K
R95 10K
R96 10K
CN22
CN22_
R36 10K
IC09
PST520D
C54 22U 10V
24 23 22 21 20 19 18 17 16 15

CN21 +5V REV. PLAY LD ON AUDIO MUTE FOK SENSE REMOTE SCOR SUBQ SOCK GFS

R75 47K

Q32 2SC945P

R76 47K

C33 .1U (T)

R55 22K

L04 10UH

R84 22K

R78 22K R79 22K R80 22K R81 22K

CF01 CST4.0MGW

R01A 10KΩ

R36 10K

C54 22U 10V

IC04

uPD75308GF_K13

DATA KR4 KR3 KR2 KR1 X2 C4M NC XT2 XT1 VDD P33 P32 P31 P30 P23 P22 LDON AUDIO_MUTE FOK SENSE REMOT SCOR SUBQ

CLK XLT XRST REST S0 S1 S2 S3 S4 S5 S6 S7 S8 S9 S10 S11

S12 S13 S14 S15 S16 S17 S18 S19 S20 S21 S22 S23 KS1 KS2 KS3 KS4 EMPHAS MUTE SYNC1 SYNC2 CON0 CON1 CON2 CON3

S0 SOCK GFS MOVE2 MOVE1 LD6CL LD6OP Vss DISC SENSE1 CLOSE OPEN VLC2 VLC1 VLC0 BIAS

C58 .001U T

LCD01

S01 DISC S02 S03 RANDOM S04

S05 S06 S07 M.SCAN

S09 TIME S10 EDIT S11 PROG S12 SYNC REC.

S13 S14 S15 S16

CN04 CN04_

R62 820 R63 10K R65 820 R64 10K

R72 22K R66 4.7K

R86 4.7K Q21 2SA952L-T

R71 150

Q33 2SA733 Q22 2SA952L-T

R67 2.2K R68 4.7K R98 10 Q23 2SC2001L

CN23_ CN09 TURN TABLE MOTOR

GND STOP (OPEN) MOVE (CLOSE) S17

CN10 DRAWER MOTOR

CLOSE OPEN S18 DRAWER

CN12

EMIT GND DISC CN13 CN13_

PH01 PT202C D13

INFRARED EMITTING PHOTO COUPLER

NAME	CD DECODER PCB			MODEL NO.	141J/1412J	GRID	3.3
DRAWN	DESIGNED	CHECKED	APPROVED	DATE	92.04.10	SIZE	A1
CHANG Y.M				PATH NAME	user5/noted	SHEET	1/1
				CAD NO.	user5/noted/141.2j_cd.noted		
				CAPETRONIC (TAIWAN) CORP.			

APR.16.93'

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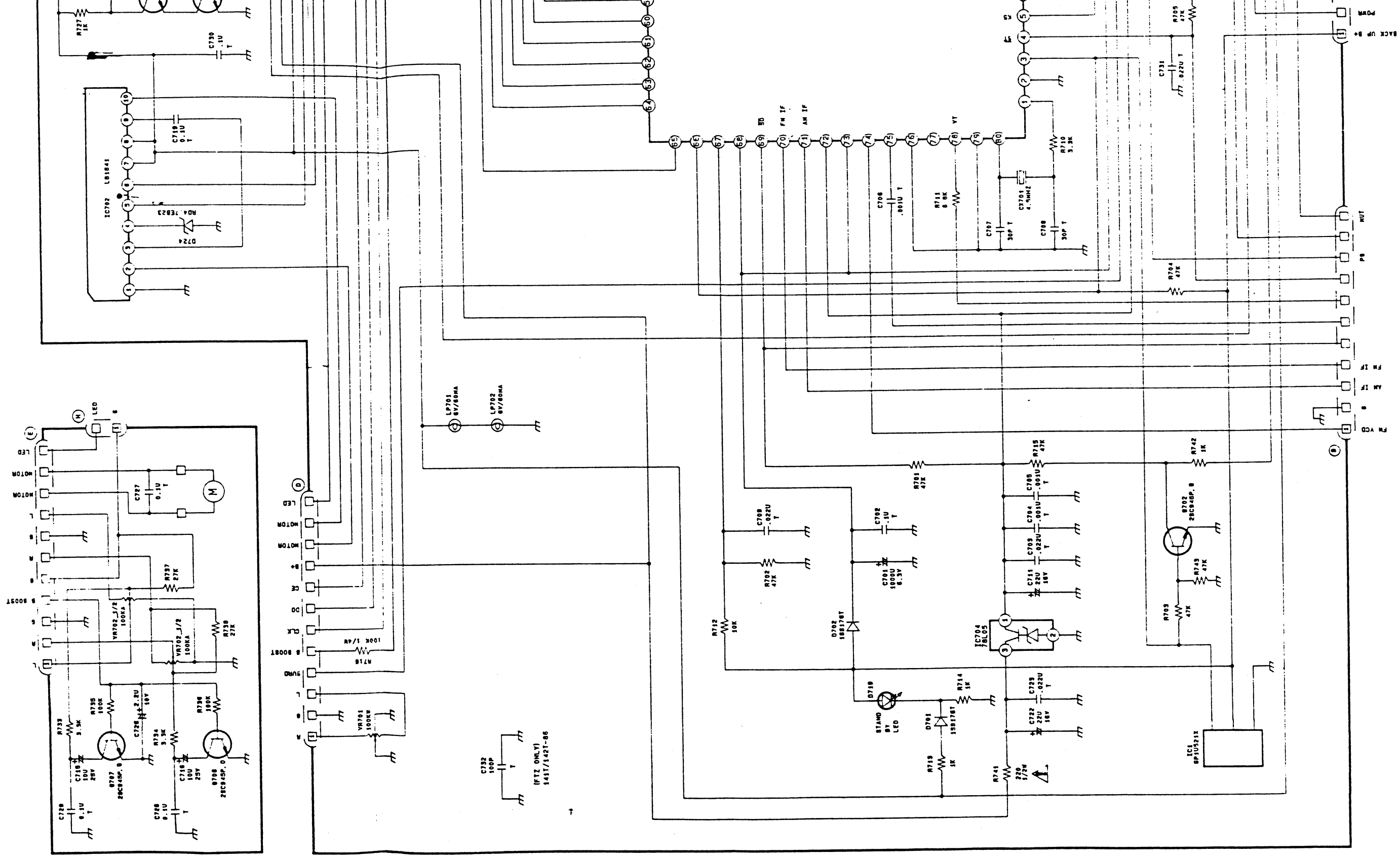
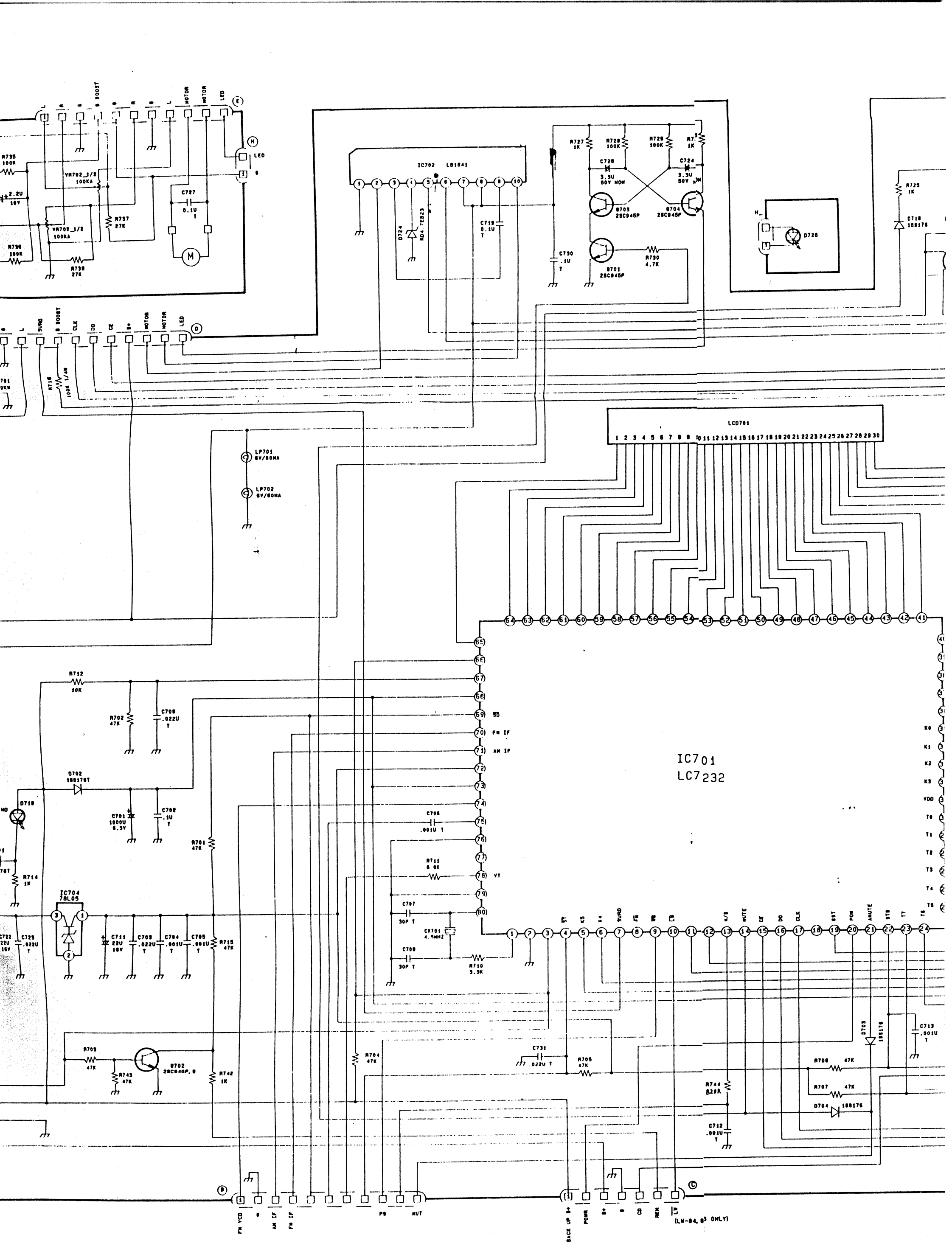
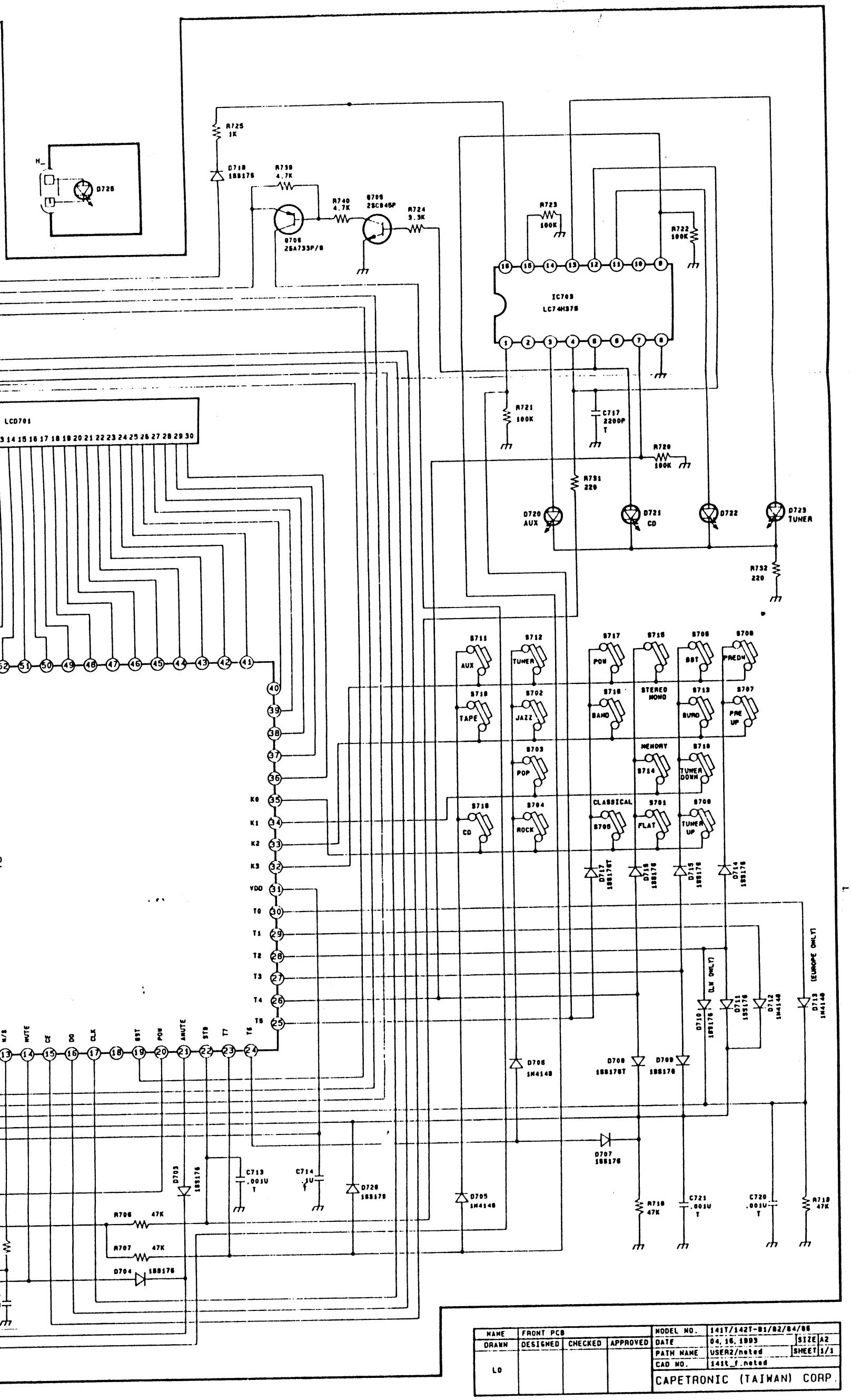
MS 3200 Video Europe GmbH
Funkschneise 5-9, 2800 Bremen 44


IC702 LB1641
D724
RD4.7EB2
C718 0.1U
C727 0.1U
C729 0.1U
C728 0.1U
R727 1K
C730 .1U
R737 27K
VR702_1/2 100KA
R738 27K
R739 3.3K
R735 100K
R734 3.3K
R736 100K
C726 2.2U
C710 10U 25V
Q707 2SC945P. B
Q708 2SC945P. O
LED
MOTOR
B BOOST
VR701 100KA
R718 100K 1/4W
C732 100P
(FIZ ONLY) 1417/1421-86
LP701 6V/80MA
LP702 6V/80MA
R701 47K
R702 47K
C709 .022U
C702 .1U
C701 1000U 6.3V
R712 10K
D702 1S81786
D710 STAND BY LED
D701 1S81786
R714 1K
R713 1K
R741 220 1/2W
C722 22U 16V
C723 .022U
IC704 78L05
IC1 BP1052II
R715 47K
C705 .001U
C704 .001U
C703 .022U
C711 22U 16V
Q702 2SC945P. B
R743 47K
R709 47K
R742 1K
C706 .001U
R711 6.8K
C707 30P
C708 30P
C7701 4.5MHZ
R710 3.3K
R705 47K
C731 .022U
R704 47K
BACK UP B+
PWM
MUT
P5
FM IF
AM IF
B
FM VCC
BD
FM IF
AM IF
VT


IC702 LB1641
IC7O1
LC7232
LCD701
R735 100K
R736 100K
R738 27K
R737 27K
VR702_1/2 100KA
VR702_1/2 100KA
C727 0.1U T
2.2U 16V
R727 1K
R728 100K
R729 100K
C726 3.3U 50V NON
C724 3.3U 50V NON
Q703 2SC945P
Q704 2SC945P
Q701 2SC945P
C730 .1U T
R730 4.7K
D726
R725 1K
D718 1SS176
C719 0.1U T
D724 RD4.7EB23
LP701 6V/60MA
LP702 6V/60MA
R712 10K
R702 47K
C709 .022U T
D702 1SS176T
C701 1000U 6.3V
C702 .1U T
R701 47K
D719
R714 1K
IC704 78L05
C722 22U 16V
C729 .022U T
C711 22U 16V
C703 .022U T
C704 .001U T
C705 .001U T
R715 47K
C706 .001U T
R711 6.8K
C707 30P T
C708 30P T
C7701 4.9MHZ
R710 3.3K
R703 47K
R743 47K
Q702 2SC945P, B
R742 1K
R704 47K
C731 .022U T
R705 47K
R744 820K
C712 .001U T
R706 47K
R707 47K
D704 1SS176
D703 1SS176
C713 .001U T
SD
FM IF
AM IF
VT
K0
K1
K2
K3
VDD
T0
T1
T2
T3
T4
T5
FM VCO
AM IF
FM IF
PB
MUT
BACK UP B+
POWR
B+
(LW-84, B5 ONLY)



NAME	FRONT PCB			MODEL NO.	141T/142T-B1/B2/B4/B6		
DRAWN	DESIGNED	CHECKED	APPROVED	DATE	04. 16. 1993	SIZE	A2
LO				PATH NAME	USER2/noted	SHEET	1/1
				CAD NO.	141t_f.noted		
				CAPETRONIC (TAIWAN) CORP.			

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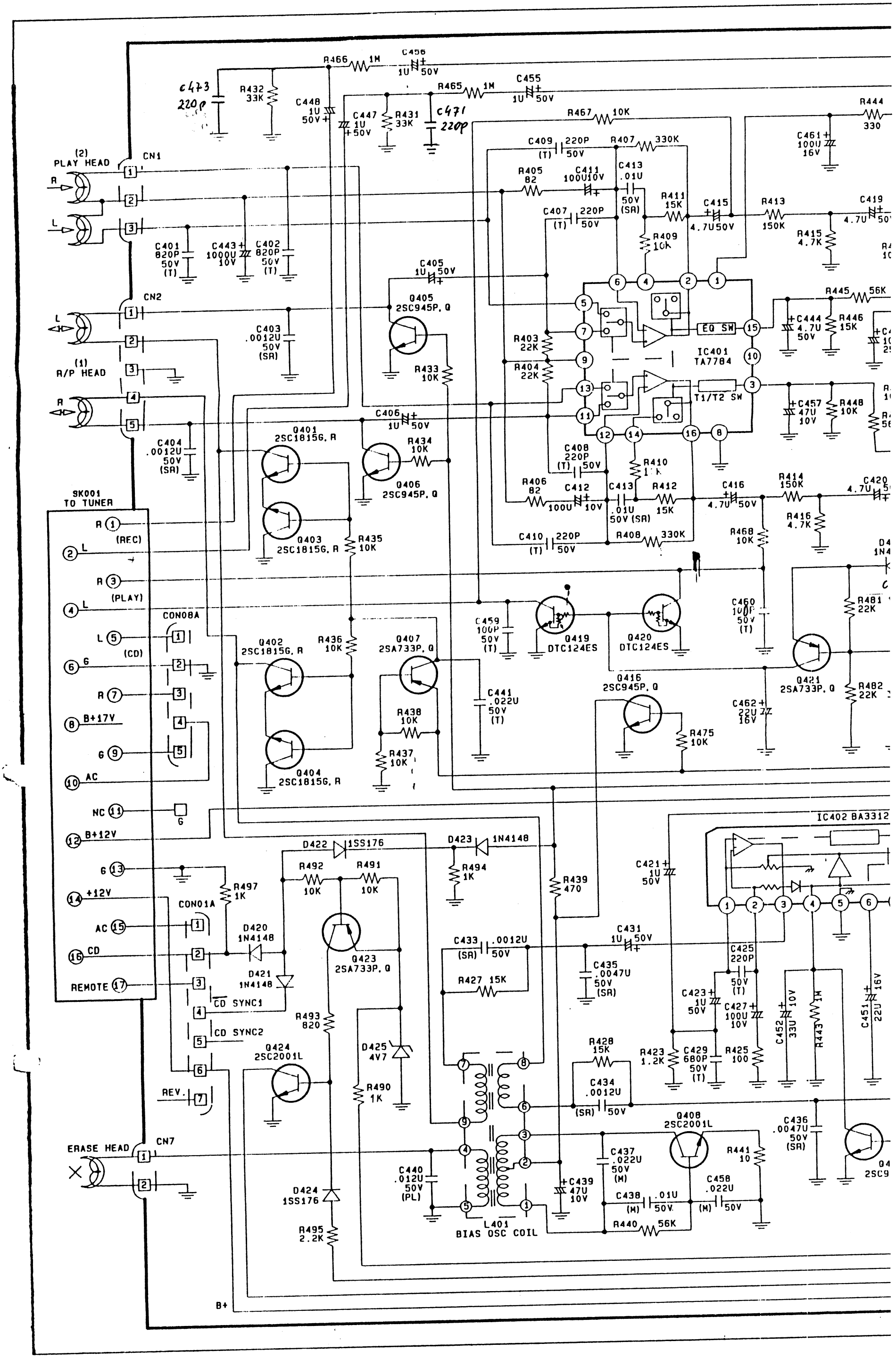
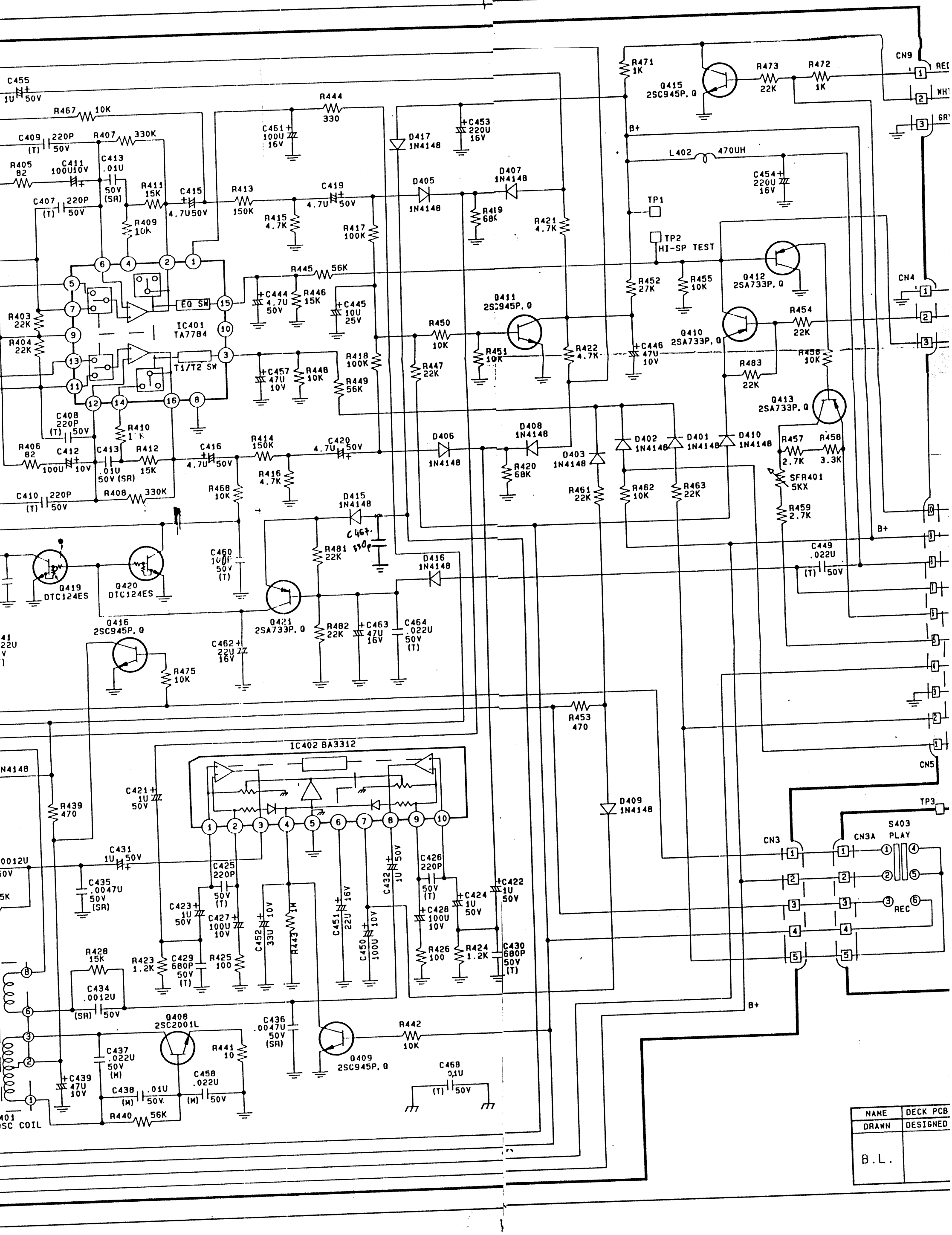
Video Europe GmbH
Funkschneise 5-9, 2800 Bremen 44

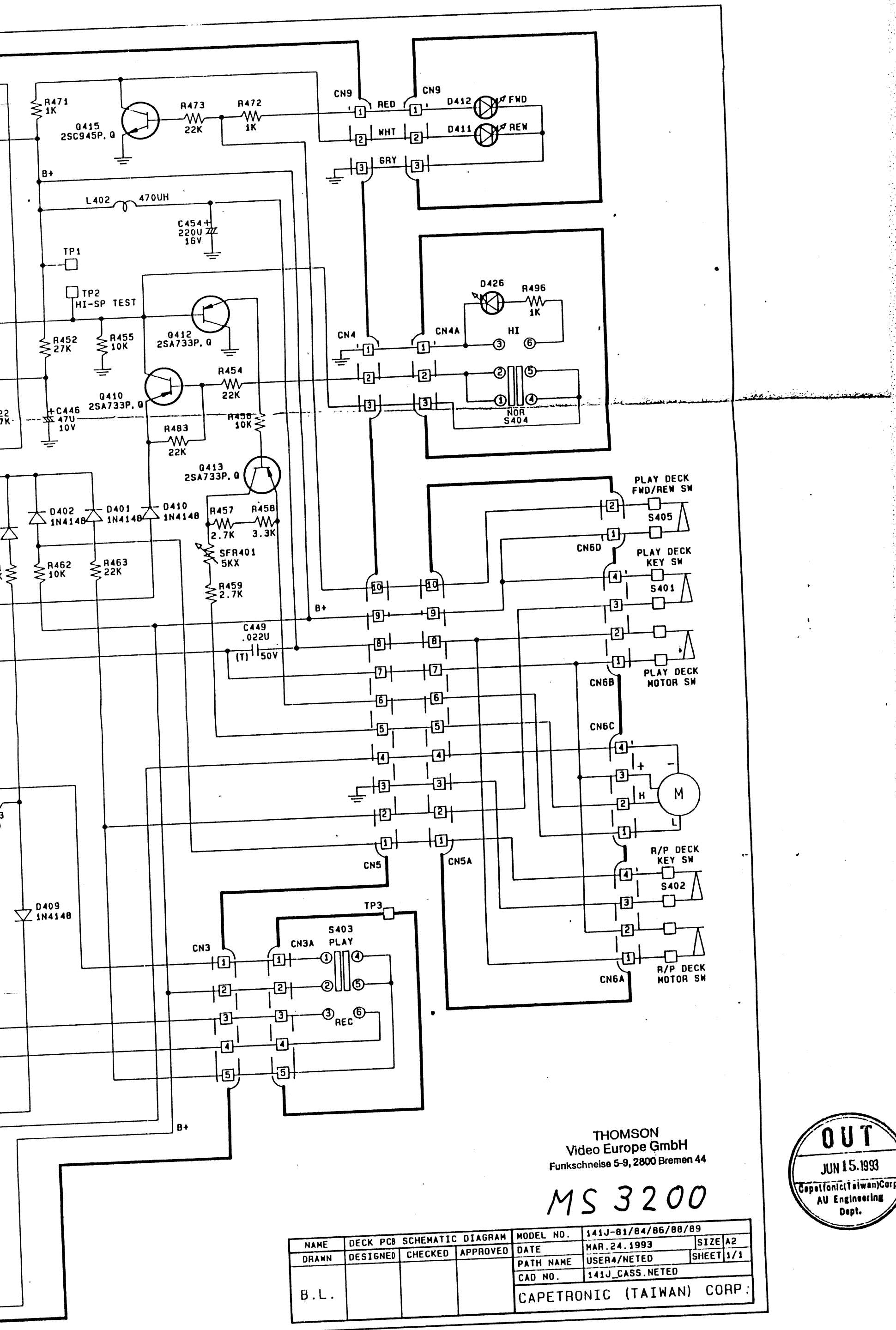
MS 3200

OUT
JUN 15. 1993
Capetronic(Taiwan)Corp.
AU Engineering
Dept.


(2) PLAY HEAD
CN1
A
L
C401 820P 50V (T)
C443 1000U 10V
C402 820P 50V (T)
CN2
L
(1) R/P HEAD
R
C403 .0012U 50V (SA)
C404 .0012U 50V (SA)
SK001 TO TUNER
R (1) (REC)
2 L
R (3) (PLAY)
4 L
L (5) (CD)
6 G
R (7)
8 B+17V
G (9)
10 AC
NC (11)
12 B+12V
G (13)
14 +12V
AC (15)
16 CD
REMOTE (17)
CON08A
CON01A
REV.
C473 220P
R432 33K
C448 1U 50V
C447 1U 50V
R431 33K
C471 220P
R466 1M
C456 1U 50V
R465 1M
C455 1U 50V
R467 10K
C409 220P (T) 50V
R407 330K
R405 82
C411 100U10V
C413 .01U 50V (SA)
C407 220P (T) 50V
R411 15K
C415 4.7U50V
R409 10K
C405 1U 50V
Q405 2SC945P, Q
R433 10K
C406 1U 50V
Q401 2SC1815G, R
R434 10K
Q406 2SC945P, Q
Q403 2SC1815G, R
R435 10K
Q402 2SC1815G, R
R436 10K
Q407 2SA733P, Q
R438 10K
R437 10K
Q404 2SC1815G, R
C441 .022U 50V (T)
C459 100P 50V (T)
Q419 DTC124ES
Q420 DTC124ES
R403 22K
R404 22K
IC401 TA7784
EQ SW
T1/T2 SW
R413 150K
R415 4.7K
C419 4.7U 50
R444 330
C461 100U 16V
R445 56K
C444 4.7U 50V
R446 15K
C457 47U 10V
R448 10K
C408 220P (T) 50V
R410 1K
R406 82
C412 100U 10V
C413 .01U 50V (SA)
R412 15K
C416 4.7U 50V
R414 150K
R416 4.7K
C420 4.7U
C410 220P (T) 50V
R408 330K
R468 10K
C460 100P 50V (T)
Q416 2SC945P, Q
R475 10K
Q421 2SA733P, Q
R481 22K
R482 22K
C462 22U 16V
D422 1SS176
D423 1N4148
R492 10K
R491 10K
R494 1K
R439 470
C421 1U 50V
IC402 BA3312
C433 .0012U (SA) 50V
C431 1U 50V
C435 .0047U 50V (SA)
R427 15K
C425 220P 50V (T)
C423 1U 50V
C427 100U 10V
C452 33U 10V
R443 1K
C451 22U 16V
R423 1.2K
C429 680P 50V (T)
R425 100
R428 15K
C434 .0012U (SA) 50V
Q408 2SC2001L
C436 .0047U 50V (SA)
R441 10
C437 .022U 50V (M)
C438 .01U (M) 50V
C458 .022U (M) 50V
R440 56K
C439 47U 10V
C440 .012U 50V (PL)
L401 BIAS OSC COIL
D424 1SS176
R495 2.2K
D425 4V7
R490 1K
Q424 2SC2001L
D420 1N4148
D421 1N4148
R497 1K
Q423 2SA733P, Q
R493 820
CD SYNC1
CD SYNC2
ERASE HEAD
CN7
B+



NAME	DECK PCB
DRAWN	DESIGNED
B.L.	



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MS 3200

NAME	DECK PCB SCHEMATIC DIAGRAM			MODEL NO.	141J-81/84/86/88/89		
DRAWN	DESIGNED	CHECKED	APPROVED	DATE	MAR.24.1993	SIZE	A2
B.L.				PATH NAME	USER4/NETED	SHEET	1/1
				CAD NO.	141J_CASS.NETED		
				CAPETRONIC (TAIWAN) CORP.			

OUT
JUN 15.1993
Capetronic(Taiwan)Corp.
AU Engineering
Dept.